

1. In prolonged starvation the main energy source of brain is
- Glucose
  - Ketone bodies
  - Fructose
  - Fatty acids
2. Multiple myeloma has been seen commonly after exposure to
- Radioactive isotopes
  - gold
  - asbestos
  - organic dyes
3. Stain used to make the wetted area of filter paper strip more visible is
- Eosin stain
  - Haemotoxin stain
  - Ninhydrin stain
  - Blue stain
4. Which of these is NOT an oncogenic virus?
- Human papillomavirus
  - Cytomegalovirus
  - Epstein-Barr virus
  - Hepatitis B virus
5. Learning disability is otherwise called as
- Infantile psychosis
  - Minimal brain dysfunction
  - Childhood schizophrenia
  - Attention deficit disorder
6. Ideal thickness of a free gingival graft obtained from the palate is
- 0.5-1 mm
  - 1-1.5 mm
  - 1.5-2.0 mm
  - 2.0-2.5 mm
7. Removal of parathyroid gland produces the following changes EXCEPT
- Decline plasma calcium level
  - Decrease in plasma phosphate level
  - Neuromuscular hyperexcitability
  - Hypocalcemic tetany
8. Trench mouth is caused by
- Fusiform bacillus
  - Borelli Vincenti
  - Both (a) and (b)
  - None of the above
9. Patients with severe allergic reactions such as anaphylaxis require immediate therapy with
- glucocorticoids
  - antihistamines
  - epinephrine
  - morphine
10. A nasal antrostomy following Caldwell-Luc procedure is created
- Above the inferior turbinate
  - Beneath the superior turbinate
  - Above the superior turbinate
  - Beneath the inferior turbinate
11. Main objective of increasing the focal spot to film distance in paralleling technique is to
- Reduce the radiation dosage only
  - Reduce the image magnification & increase sharpness and resolution
  - Reduce the image magnification & reduce sharpness and resolution
  - Reduce the magnification and distortion

12. The granulomatous tissue that is responsible for destruction of articular surfaces of TMJ in rheumatoid arthritis is known as

- a) Pannus.
- b) Pulse granuloma.
- c) Baker's cyst.
- d) Immune granuloma.

13. Pulp vitality test in a tooth with primary periodontal lesion will reveal pulp to be

- a) Vital
- b) Non-vital
- c) May be vital or non-vital
- d) None of the above

14. Multiple osteomas, odontomas, supernumerary teeth and impacted teeth are seen in

- a) McCune-Albright syndrome
- b) Mafabraud's syndrome
- c) Gardner syndrome
- d) Down's syndrome

Who gave the term ECC (Early Childhood Caries)?

- a) Davies
- b) Moss
- c) Winter
- d) Dilley

15. Sjogren's Syndrome affects

- a) exocrine glands
- b) paracrine glands
- c) endocrine glands
- d) autocrine glands

17. The mineral having sparing action on vitamin E

- a) Chromium
- b) Iron
- c) Iodine
- d) Selenium

18. The urine sample of a patient has been sent to the laboratory to look for *Leptospira*. The specimen is to be screened by use of the

- a) Scanning microscope
- b) Inverted microscope
- c) Dark ground microscope
- d) Electron microscope

19. The second heart sound is produced due to

- a) Closure of semilunar valves
- b) Closure of atrio-ventricular valves
- c) Ventricular filling
- d) Opening of semilunar valves

20. Activation of which one of the following coagulation factor is not essential for hemostasis

- a) XII
- b) XI
- c) IX
- d) X

21. Which one of the following is indicative of cardiac tamponade?

- a) Pulsus paradoxus
- b) Wide pulse pressure
- c) Kussmaul's sign
- d) Forceful apical impulse

Glossopharyngeal nerve passes through

- a) Foramen ovale
- b) Jugular foramen
- c) Foramen rotundum
- d) Foramen spinosum

The most reliable index for the determining the presence of active periodontal disease is

- a) halitosis
- b) bleeding on probing
- c) pocket formation
- d) gingival recession

Following are the changes during accommodation EXCEPT

- a) Constriction of pupil
- b) Dilatation of pupil
- c) Convergence of eye ball
- d) Increase in the anterior curvature of lens

In Tarnow's technique, the method described for denuded surface is

- a) semilunar coronally repositioned flap
- b) split thickness coronally repositioned flap
- c) free soft tissue autograft
- d) subepithelial connective flap

The choice of retention for lower incisors following orthodontic correction is

- a) Clip-on retainer
- b) Spring retainer
- c) Tooth Positioner
- d) Bonded canine to canine retainer

### Version C

27. Ligand for peroxisome proliferation activating receptor (PPAR) receptors, a group of nuclear hormone receptors that are involved in the regulation of genes related to glucose and lipid metabolism is

- a) repaglinide
- b) voglibose
- c) exanatide
- d) rosiglitazone

28. The antibacterial substance present in tears which acts by splitting Cell wall components is

- a) Penicillin
- b) Lysozyme
- c) Beta lysine
- d) Lactoperoxidase

29. Beginning of adolescent growth in boys is with

- a) pubic hair growth.
- b) feminine fat distribution.
- c) facial hair on chin and lip.
- d) facial hair on upper lip only.

30. Which of the following muscle is not a derivative of second pharyngeal arch?

- a) Buccinator muscle
- b) Stapedius
- c) Platysma
- d) Anterior belly of digastric

31. Apical third root fracture in a vital tooth are treated by

- a) Pulpotomy
- b) Periapical surgery and removal of the fragment
- c) Relieve from occlusion and observe
- d) Pulpectomy

32. Critical pH of saliva below this pH, the inorganic material of the tooth may dissolve in caries. The critical pH value is
- 6.5
  - 5.5
  - 7.5
  - 6.0
33. Which one of the following is not a feature of long standing mouth breathing habit
- Adenoid facies
  - Large nose
  - Upper anterior labial gingivitis
  - Frequent occurrence of tonsillitis, allergic rhinitis and otitis media
34. The danger of transmitting infections to the dental team or to the other patient particularly has a threat of:
- Acquired immune deficiency syndrome (AIDS)
  - Hepatitis-B
  - Tuberculosis
  - All of the above
35. In root canal treatment, the canal orifices are located by
- Endodontic excavator
  - DG-16 Endodontic explorer
  - C+ file
  - H-file
36. The retromolar pad must be covered by the denture base because it aids in
- Retention only
  - Retention and support
  - Stability only
  - Stability and Support
37. The most successful materials for soft liner applications have been
- Impression plaster
  - Silicone rubbers
  - Waxes
  - Irreversible hydrocolloids
38. Carotid atheromas may appear radiographically as:
- Nodular radio-opaque mass
  - Double vertical radio-opaque lines within the neck
  - Both of the above
  - None of the above
39. The commonly used root canal irrigant, which was used for irrigation wounds during world war I by Dakin is
- Saline
  - Hydrogen Peroxide
  - Buffered sodium hypochlorite
  - Distilled water
40. The amino acid required for the synthesis of haem is
- Glutamine
  - Glutamic acid
  - Glycine
  - Lysine
41. The tissue and pus aspirate is to be collected for diagnosis of Gas gangrene. It should ideally be transported using
- Buffered Glycerol saline
  - Todd - Hewitt broth
  - Robertson's Cooked Meat Medium
  - Hanks Balanced salt solution

D

42. Following antimicrobials are termed as type I calcimimetics that mimic the stimulatory effect of calcium on the calcium sensing receptor to inhibit PTH secretion by the parathyroid gland **EXCEPT**
- a) Streptomycin
  - b) Hamycin
  - c) neomycin
  - d) Gentamicin
43. Battle sign in head injury indicates fracture of
- a) Orbital plate
  - b) Base of skull
  - c) Maxilla
  - d) Mandible
44. In a DNA molecule adenine always forms a linkage with
- a) Guanine
  - b) Cytosine
  - c) Thymine
  - d) Uracil
45. This condition is due to a defect in the normal keratinization of the oral mucosa
- a) Erythema Multiforme
  - b) White Sponge Nevus
  - c) Incontinentia Pigmenti
  - d) Systemic Sclerosis
46. The classic triad of single or multiple areas of 'punched-out' bone destruction in the skull, unilateral or bilateral exophthalmus and diabetes insipidus is seen in
- a) Letterer-Siwe disease
  - b) Eosinophilic granuloma
  - c) Langerhans cell histiocytosis
  - d) Hand-Schüller-Christian disease

Version C

47. The lactobacillus count test to assess caries activity was given by
- a) Synder
  - b) Jay
  - c) Hadley
  - d) Edelstein
48. What are the cells that produce PGE2 in the Periodontium?
- a) Macrophages
  - b) Fibroblasts
  - c) Neutrophils
  - d) a and b-
49. Which of the following statement is FALSE?
- a) The term 'pear shaped' pad was coined by Craddock
  - b) Mucosa overlying pear shaped pad is stippled
  - c) Retromolar pad lies posterior to pear shaped pad
  - d) Mucosa overlying pear shaped pad is not stippled
50. The most frequent direction in which the articular disc gets displaced is
- a) Anterior and lateral direction.
  - b) Posterior and lateral direction.
  - c) Anterior and medial direction.
  - d) Posterior and medial direction.
51. Maxillary sinus is lined by which type of epithelium
- a) Pseudostratified, ciliated columnar mucus secreting epithelium
  - b) Pseudostratified, ciliated columnar serous secreting epithelium
  - c) Stratified, ciliated columnar mucus secreting epithelium
  - d) Stratified, ciliated cuboidal serous secreting epithelium

52. Implantation cyst is formed due to
- a) Persistence of epithelial cells after wound healing
  - b) Excessive wound contraction
  - c) Bursting open of wound
  - d) All of the above

53. Serum alkaline phosphatase level is elevated in
- a) Paget's disease
  - b) Infantile cortical hyperostosis
  - c) Cleidocranial dysplasia
  - d) Pierre Robin Syndrome

54. In a patient with unerupted and impacted maxillary canine the following radiographic techniques will be ideal for localization
- a) IOPA and PNS view
  - b) Maxillary anterior occlusal view and IOPA
  - c) Bitewing and occlusal view
  - d) IOPA and occlusal view

55. A 25 year old male patient complains of missing 27 with no distal abutment and prefers a fixed form of prosthetic treatment. An abutment that is present only at one end of the edentulous span is called
- a) Cantilever abutment
  - b) Pier abutment
  - c) Mesially tilted abutment
  - d) Distally tilted abutment

56. Criterion to distinguish between Miller class II and III recession is
- a) Interdental bone
  - b) Malpositioning of the tooth
  - c) Extension of recession
  - d) Consistency of gingival

57. The mandibular labial frenum is a fibrous band that can be influenced by
- a) incisivus
  - b) orbicularis oris
  - c) caninus and incisivus
  - d) incisivus and orbicularis oris

58. Which of the following is not a mouth temperature wax
- a) Adaptol
  - b) Korrecta type 1
  - c) HL Physiologic paste
  - d) Iowa wax

59. A Cerebrospinal fluid of a 2 year old child has been sent to the laboratory to detect the presence of a capsulated yeast. The staining technique most commonly employed for the purpose is
- a) India ink preparation
  - b) Methanamine silver stain
  - c) Ziehl- Neelsen stain
  - d) Phyte - ferraco stain

60. The hard palate is covered by
- a) Non-keratinized mucosa
  - b) Keratinized mucosa
  - c) Orthokeratinised mucosa
  - d) Para keratinized mucosa

61. Mesiolingual developmental groove is seen in
- a) Mandibular first premolar
  - b) Mandibular second premolar
  - c) Maxillary first premolar
  - d) Maxillary second premolar

**D**

62. Adjunctive orthodontics refers to
- corrective orthodontics in mild to moderate dental-skeletal disharmony
  - mild-moderate orthodontic corrections in patients with periodontal and/or restorative needs
  - moderate - severe malocclusions which requires a combination of orthodontics and orthognathic surgery
  - Orthodontics in patients with TMJ dysfunction
63. The medial confluence of stress lines on the medial surface of the ramus that represents the arcial growth of surface of the mandible is known as
- XiPoint
  - PmPoint
  - Mepoint
  - Eva point
64. Normal intrapulp pressure is
- 10mm Hg
  - 5mm Hg
  - 7mm Hg
  - 15mm Hg
65. The Loroithidol added in Non Eugenol paste has the function of
- Bacteriostatic
  - Fungicide
  - Accelerator
  - Preservative
66. Interleukin-1 (IL-1) gene cluster is responsible for
- Dental Caries
  - Periodontal diseases
  - Supernumerary teeth
  - Peg laterals

**Version C**

67. The sugar implicated in the aetiology of dental caries is
- Glucose
  - Fructose
  - Maltose
  - Sucrose
68. The most common site of dentin hypersensitivity is
- Incisal
  - Cervical
  - Proximal
  - Occlusal
69. Andreason Appliance is also known as
- Activator
  - Bionator
  - Oral Screen
  - Lip Bumper
70. Dentist participating in the delta dental planers paid 90th percentile where as non participating dentists are paid
- 15th Percentile
  - 30th percentile
  - 100th percentile
  - 50th percentile
71. A 25 year old male comes with a complaint of throbbing pain in the upper part of the cheek or entire side of face, heavy feeling in the face, which exacerbates on bending down and with associated pyrexia. The most probable diagnosis is
- Acute dento alveolar abscess in relation to upper first molar
  - Irreversible pulpitis in relation to upper 2nd molar
  - Acute maxillary sinusitis
  - Acute periodontal abscess in relation to upper 1st molar.

- D**
72. Which of the following causes exogenous pigmentation
- a) haemoglobin
  - b) chromogenic bacteria
  - c) melanin
  - d) Hemosiderin

73. Following factors delay the wound healing **EXCEPT**
- a) Vitamin C deficiency
  - b) Infection
  - c) Anemia
  - d) Immobilization

74. Maxillary sinus is described as a four sided pyramid containing base, apex, roof and floor. The apex of maxillary sinus extends
- a) Laterally into zygomatic process of maxilla
  - b) Medially into zygomatic process of maxilla
  - c) Laterally into lateral nasal wall
  - d) Superiorly into floor of orbit

75. An ideal location to attach a sprue for a posterior cast restoration is
- a) Central fossa
  - b) Cusp tips
  - c) Marginal ridge
  - d) Contact point

- In a pericoronal abscess related to distoangular impacted third molar, the infection may spread to
- a) Sub masseteric space
  - b) Buccal space
  - c) Sublingual space
  - d) Sub mental space

77. To view the zygomatic arches, the following projection is very commonly used,
- a) Lateral cephalometric projection
  - b) Lateral oblique view of mandible
  - c) Underexposed submentovertex view
  - d) Overexposed submentovertex view

78. The process of recesses formation in maxillary sinus is most frequently seen with
- a) Zygomatic process
  - b) Frontal process
  - c) Alveolar process
  - d) Palatine process

79. The cells of the enamel organ which differentiate into future ameloblasts are
- a) Cells of inner enamel epithelium
  - b) Cells of outer enamel epithelium
  - c) Cells of stellate reticulum
  - d) Cells of stratum intermedium

80. In adults seeking orthodontic treatment with esthetic appliances the following may be choices **EXCEPT**
- a) Lingual orthodontics
  - b) ceramic brackets
  - c) clear aligner therapy
  - d) titanium brackets

81. Child of an overprotective over indulgent mother shows
- a) Shy, Submissive behaviour
  - b) Evasive and dawdling behaviour
  - c) Demanding and aggressive behaviour
  - d) Stoic behaviour



82. Following is not a mucogingival surgery to increase zone of attached gingiva
- gingival autograft
  - connective tissue graft
  - laterally displaced flap
  - apically displaced flap
83. Soil, Seed and Sower is one of the principles of health education. In this principle, seed is:
- Mind of the participant.
  - Health educator.
  - Health education.
  - Transmitting media.
84. Linear coefficient of thermal expansion of metal used for metal ceramic restoration range from
- $11.5-12.5 \times 10^{-6}/^{\circ}\text{C}$
  - $10.5-11.5 \times 10^{-6}/^{\circ}\text{C}$
  - $13.5-14.5 \times 10^{-6}/^{\circ}\text{C}$
  - $16.5-17.5 \times 10^{-6}/^{\circ}\text{C}$
85. Following are the branches of external carotid artery **EXCEPT**
- Facial artery
  - Lingual artery
  - Occipital artery
  - Middle meningeal artery
86. Toxic optic neuropathy can be caused by all of the following **EXCEPT**
- Ethambutol
  - Ethylene glycol
  - Ciprofloxacin
  - Tetracycline
87. A salivary gland tumour which histologically shows a double layer of epithelial cells based on a reactive lymphoid stroma is
- Pleomorphic adenoma
  - Mucoepidermoid carcinoma
  - Acinic cell tumour
  - Warthin tumour
88. The feature of lower motor neuron lesion is
- Hypertonia
  - Hyperactive stretch reflex
  - Muscular atrophy
  - Abnormal plantar extensor reflex (Babinski's sign)
89. During casting procedures creation of a "Hot-spot" means
- The presence of reservoir resulting in delayed solidification of metal.
  - Sprue former is attached at right angle creating a localized lingering of molten metal after casting has solidified.
  - The length of Sprue is too long resulting in ready flow of molten metal.
  - Use of too high temperature resulting in localized disintegration of metal.
90. The strength of association between suspected cause and effect in a cohort study is measured by:
- Attributable risk
  - Odds ratio
  - Biological risk
  - Relative risk
91. What is incorporated in porcelain during firing?
- Argon
  - Helium
  - Hydrogen
  - Oxygen

- D**
92. Bruxism is \_\_\_\_\_ during sleep
- walking
  - epuresis
  - grinding of teeth
  - apneic episodes
93. The protein found in the amyloid deposits in senile systemic amyloidosis is
- AL protein
  - $\beta_2$  microglobulin
  - $\beta$ -amyloid protein
  - Transthyretin
94. According to Weine's classification of root canal configuration, a single canal from pulp chamber to apex can be
- Type IV
  - Type II
  - Type III
  - Type I
95. Which radiographic technique is employed to correctly determine the buccal or palatal placement of impacted maxillary canine?
- SLOB or Clark's Rule
  - Paralleling technique
  - Bisecting angle technique
  - Right angle technique
96. Functional disorders of salivary glands are best imaged using
- Intraoral and extraoral radiographs
  - Scintigraphy and sialography
  - Computed tomography
  - MRI
97. The orthodontic diagnosis focuses on
- full smile.
  - emotional smile.
  - social smile.
  - gummy smile only.
98. Following the premature loss of a deciduous tooth, space closure
- Occurs predominantly from the anterior in the maxillary arch and predominantly from the posterior in the mandibular arch
  - Is more rapid 6 months after the loss of the tooth
  - Occurs more rapidly in the maxillary arch than in the mandibular arch
  - Inversely proportional to the time the deciduous tooth has been missing
99. The technique used for defluoridation is \_\_\_\_\_ technique.
- Knutson's
  - Brudevold's
  - Nalgonda
  - Nalanda
100. The embrasure areas in the following areas are continuous
- Labial and Lingual
  - Lingual and Occlusal
  - Incisal and Occlusal
  - Labial and Occlusal
101. Identify the material used in maxillo-facial prosthesis:
- Polyurethane elastomers
  - Polycarbonate
  - Autopolymerizing acrylic resin
  - Polyvinyl chloride

- D**
102. Glass ionomer cement is used as a barrier over guttapercha filling before bleaching an endodontically treated discolored tooth
- To prevent bleaching agent from dissolving the guttapercha
  - To prevent percolation of the bleaching agent into the apical area
  - To prevent contamination of bleaching agent
  - To prevent discoloration of tooth from obturating material.
103. During an attempted extraction of upper posterior teeth, to determine the position of the roots displaced into antrum, ideal radiograph would be,
- Bitewing radiography of maxillary posteriors
  - IOPA of mandibular posterior teeth
  - Upper oblique occlusal radiograph
  - Lateral oblique view of mandibular posteriors
104. Colour code used for segregation of infected human anatomical waste is
- Yellow
  - Red
  - Black
  - Green
105. All the following cranial nerves transmit taste sensation to the brain EXCEPT
- facial nerve
  - glossopharyngeal nerve
  - vagus nerve
  - hypoglossal nerve
106. Pigmentation of the permanent teeth may develop if tetracyclines are given between the ages of
- 5 and 7 years
  - 0.2 and 5 years
  - 6 and 10 years
  - 10 and 12 years

**Version C**

107. Normal cerebrospinal fluid glucose levels are seen in:
- Pyogenic meningitis
  - Viral meningitis
  - Fungal meningitis
  - Tuberculous meningitis
108. The cement filling material which has the most severe injurious effect on pulp is
- Copper cement
  - Zinc oxyphosphate cement
  - Silicate cement
  - Calcium hydroxide
109. Universally used method of behavior management in pediatric dentistry for both cooperative and uncooperative children is
- Voice control
  - Behaviour shaping
  - Implosion Therapy
  - Communication
110. Chronic hyperplastic pulpitis is a type of
- Acute irreversible pulpitis
  - Chronic irreversible pulpitis
  - Acute reversible Pulpitis
  - Chronic reversible pulpitis
111. Hardness of fully mineralized cementum is
- Less than dentin
  - more than dentin
  - Equal dentin
  - none of the above

- D**
134. Ameloblastic cells are ectodermal in origin which lay down
- Enamel
  - Dentine
  - Cement
  - Pulp cavity
135. A patient with hereditary fructose intolerance is deficient in which of the following enzymes?
- Aldolase B
  - Fructokinase
  - Triokinase
  - All of above
136. An individual has a fasting blood glucose concentration of 115 mg/dL on three occasions. What is your conclusion?
- He is normal
  - He is diabetic
  - He has impaired glucose tolerance
  - He needs further evaluation by other biochemical tests
137. Small packets of acetylcholine released randomly from the nerve cell membrane at rest produces
- End plate potential
  - Miniature end plate potential
  - Action potential
  - Inhibitory post synaptic potential
138. Secondary haemorrhage occurs within
- 0-24 hrs
  - 48-72 hrs
  - 1-2 wks
  - During surgery
139. Enlargement of crown at the expense of root is called
- Microdontia
  - Dens evaginatus
  - Taurodontism
  - Dens invaginatus
140. The free gingival graft is placed on
- on the periosteum
  - bone
  - gingiva
  - periodontal pocket
141. Tissue conditioning materials are
- Elastomers
  - Elastopolymers
  - Polymers
  - Impression plaster
142. Prevalence of diseases is
- Rate
  - Ratio
  - Proportion
  - Deviation
143. According To Misch Bone Density Classification D2 Is
- > 1250 HOUNSFIELD UNITS
  - 350 - 850 HOUNSFIELD UNITS
  - 850 - 1250 HOUNSFIELD UNITS
  - 150 - 350 HOUNSFIELD UNITS
144. Edge of tuberculus ulcer is
- Sloping
  - Undermined
  - Punched out
  - Everted

145. A surgical obturator has to be inserted
- a) One day prior to the surgery
  - b) On the day of the surgery
  - c) 14 days after the surgery
  - d) 30 days after the surgery

146. Specificity can be calculated as
- a)  $\frac{\text{True positive}}{\text{True positive} + \text{False Negative}}$
  - b)  $\frac{\text{True positive}}{\text{True positive} + \text{False positive}}$
  - c)  $\frac{\text{False positive}}{\text{True positive} + \text{True Negative}}$
  - d)  $\frac{\text{True Negative}}{\text{True Negative} + \text{False positive}}$

147. The optimum crown root ratio is
- a) 3:2
  - b) 2:3
  - c) 1:2
  - d) 2:1

148. Which of the following is **NOT** a characteristic feature of allosteric enzymes?
- a) They are multienzyme complexes
  - b) Follow Michaelis-Menten kinetics
  - c) Presence of Modulator site
  - d) Give sigmoid shaped curve

149. The efficacy of the moist-heat sterilization technique commonly used to sterilize laboratory ware and Culture media is tested by using
- a) Clostridium tetani spores
  - b) T-Even - Bacteriophages
  - c) Bacillus stearothermophilus spores
  - d) Brown's tubes

150. Odontalgia that is occasionally typical in hypertensive patients is a result of
- a) Headache radiating to the teeth.
  - b) Nervous tension and worry.
  - c) Hyperaemia of pulp resulting from increased blood pressure.
  - d) Abnormal stimulation of the sympathetic nerve system.

## D

## For Questions 151 - 154

A 20yr old patient reports with multiple swellings of the jaws. Clinical examination reveals multiple hard swellings involving the jaws and intra orally several missing teeth are noticed. Panoramic radiograph reveals multiple radio opaque lesions in the maxilla and the mandible with multiple impacted teeth and supernumerary teeth, indicative of Gardeners' syndrome.

151. The above mentioned condition is

- a) Inherited autosomal dominant disease
- b) Autosomal recessive disorder
- c) X-linked disease
- d) A syndrome of unknown cause.

152. One of the following is also a manifestation in the above mentioned condition.

- a) Café-au-lait pigmentation of the skin
- b) Multiple epidermoid or sebaceous cyst of the skin
- c) Basal cell carcinoma of the skin
- d) Peri oral dermatitis.

153. One of the following manifestations in Gardner's syndrome has a risk of malignant transformation.

- a) Multiple polyposis of large intestine
- b) Osteomas of the jaws
- c) Desmoids tumors of the skin
- d) Epidermal and trichilemmal cysts.

154. Multiple impacted teeth as seen in Gardner's syndrome may also be seen in one of the following.

- a) Tricho-dento-osseous syndrome
- b) Hereditary intestinal polyposis
- c) Cowden's syndrome
- d) Rubinstein-Taybi syndrome

## For Questions 155 - 157

A 10 yr old child comes to you with exarticulation of 11.

155. This condition is called as

- a) Avulsion
- b) Intrusion
- c) Fracture with enemas
- d) Dilaceration

**D**  
156. Treatment of choice for the above condition is

- a) Extraction
- b) Replantation
- c) Re-vascularisation
- d) Composite Restoration

157. Choice of transport medium is

- a) Patients Blood
- b) Hot Water
- c) Milk
- d) None of the above

### For Questions 158 - 161

An 18yr old male patient reported with chief complaint of pain and swelling in the right lower jaw and mild difficulty in opening mouth since one week. A general examination revealed fever and increased pulse rate.

158. Intra-oral examination showed signs of inflammation around the gingiva of partially impacted third molar, tender on palpation with opposing tooth impinging.

The most likely diagnosis is

- a) Necrotising ulcerative gingivitis
- b) Localised aggressive periodontitis
- c) Acute herpetic gingivostomatitis
- d) Pericoronitis

159. What is the microbial etiology of this condition is?

- a) Klebsiella
- b) E. Coli
- c) Streptococci and anaerobic bacteria
- d) Actinomycosis

160. What would be the ideal management of this case?

- a) Antibiotics and Analgesics.
- b) Removal of partially impacted lower molar immediately.
- c) Irrigation, antibiotics and analgesics.
- d) Hospitalisation, Irrigation, antibiotics and analgesics and immediate removal of opposing tooth.

**D**  
161. The ideal surgical management of this condition once the signs and symptoms subside would be

- a) Operculectomy.
- b) Delaying the removal of teeth to next episode.
- c) Removal of tooth under local anaesthesia.
- d) No treatment.

**For Questions 162 - 164**

A 30 year old male patient reports with the swelling at the angle of the mandible with a duration of 6 months. Radiograph showed an impacted third molar with a pericoronal radiolucency

162. Protein content of aspirated fluid was greater than 4.0 gms per 100 ml. The lesion is likely to be

- a) Odontogenic keratocyst
- b) Dentigerous cyst
- c) Traumatic bone cyst
- d) Stafne's bone cyst

163. Appropriate treatment option for this lesion is

- a) Enucleation
- b) Marginal mandibulectomy
- c) Segmental resection
- d) Hemimandibulectomy

164. The most likely tumor to develop from this lesion is

- a) Ossifying fibroma
- b) Ameloblastoma
- c) Squamous cell carcinoma
- d) Central giant cell granuloma

**For Questions 165 - 167**

A 40-year-old male patient reported to the restorative dentist with the chief complaint of missing back teeth in the upper jaw, and desired replacement of the same. On clinical examination revealed missing 14,15,16,17,18,24,25,26,27 & 28.

165. What is the Kennedy's classification for the given clinical scenario

- a) Class II
- b) Class III
- c) Class VI
- d) Class I



**D**  
166. Special design feature to be included in the above given clinical situation is

- a) Broad occlusal table
- b) Minimal extension of denture base
- c) Indirect retainer
- d) Tube teeth.

167. One of the special impression methods to be employed for class-I situation is

- a) Closed mouth impression technique
- b) Open mouth technique
- c) Corrected cast technique
- d) Mucocompressive technique

#### For Questions 168 - 170

A young female patient reports to the dental office with complaint of small gaps between her teeth.

168. The most feasible and economic treatment option for such a situation would be

- a) Porcelain veneers
- b) Porcelain jacket crown
- c) Orthodontic Tooth movement
- d) Diastema closure using composite

169. Shade selection for such a treatment should be carried out under the

- a) Natural day light
- b) Fluorescent light
- c) After placement of rubber dam
- d) When the teeth are dry

170. If a proper placement technique is not followed, it would result in

- a) Tooth sensitivity
- b) Wear of opposing teeth
- c) Debonded restoration
- d) Healthy gingiva.

**D**  
**For Questions 171 - 173**

**Version C**

A 21 year old male healthy patient reported with a prognathic mandible, intraorally he has anterior crossbite and class III molar relationship, cephalometrically has an SNA of 78 degrees, SNB of 89 degrees.

171. What would be the treatment of choice for the adult Class III skeletal Malocclusion with a prominent chin.

- a) Functional Appliance
- b) Fixed Orthodontics
- c) Functional jaw orthopedic correction
- d) Surgical Orthodontics

172. The presurgical orthodontic procedures involves

- a) Decompensation
- b) Compensation
- c) Settling elastics
- d) Immobilization

173. The surgical procedure of choice for correction of mandibular excessive prognathism is

- a) LeFort I osteotomy
- b) Bilateral sagittal split osteotomy
- c) Caldwell-luc surgery
- d) Ramal distraction osteogenesis

**For Questions 174 - 177**

A twenty year old female patient comes to the clinic with discoloration of the upper right central incisor . The tooth was intact and otherwise asymptomatic.

174. The most likely cause for the discoloration in this patient would be

- a) Pulp necrosis
- b) Dental fluorosis
- c) Internal resorption
- d) Microleakage

175. The treatment most often employed for managing discoloration in a non vital teeth is

- a) Microabrasion
- b) Walking bleach
- c) Over the counter bleaching
- d) Veneer

D

176. The common sequelae following bleaching non vital teeth are

- a) Ankylosis
- b) Periodontal pathology
- c) External cervical resorption
- d) Reinfection

177. Bleaching is indicated in which of the following clinical situations

- a) Dentin discolorations
- b) Teeth with discolored composites
- c) Tooth discoloration due to caries
- d) Teeth with superficial enamel discolorations

#### For Questions 178 - 180

A 45 year old female patient reports to the clinic with a history of pain with tooth 37. The tooth appears normal on clinical and radiographic examination except for the fact that pain occurs on biting on a hard object and then releasing the bite.

178. The most probable cause for the pain may be

- a) Occult caries
- b) Periodontitis
- c) Cracked tooth
- d) Maxillary sinusitis

179. The various other means of diagnosing such a lesion include:

- a) Methylene blue staining
- b) Tooth slooth
- c) Transillumination
- d) All of the above

180. Immediate treatment of such a tooth involves

- a) Stabilization with orthodontic band
- b) Extraction
- c) Relief from occlusion
- d) Full coverage crown